

The University of Chicago

CHICAGO 37, ILLINOIS

Institute of Radiobiology and Biophysics

6200 Drexel Avenue

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Dr. Joshua Lederberg
Department of Genetics
College of Agriculture
The University of Wisconsin
Madison 6, Wisconsin

Dear Josh,

I enclose a circuit diagram for the counting unit we use. I will be pleased to answer any questions if the circuit is not clear. It can, of course, be done more simply.

With respect to photoactivation
Regarding strains 1288 and 1289, I find the following: 1288 behaves like K-12 while 1289 behaves like W-1. However, the ^{uv} radiation sensitivity of 1289 seems much greater than that of K-12, W-1, or 1288. This I do not understand. In the last experiment samples of 1288, 1289, and K-12 were prepared concurrently and identically. I will repeat the entire experiment.

We enjoyed seeing you very much and it makes us happy that you are so at ease in our house.

Sincerely,



Aaron Novick

AN/sds
Enclosure

P.S. I finally reached Nudenberg about information on peroxides. He is trying to get an MS of the review by him & Kharasch. In addition he suggested

1. Chem. Rev. of last few months. Paper by Leffler
2. Waters book on free radicals